

chain nodes :

18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40
41

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

chain bonds :

1-31 2-35 3-30 4-29 5-28 6-32 8-33 10-27 11-26 13-23 14-34 15-18 16-24 17-25
18-19 18-20 20-21 21-22 35-36 36-37 36-41 37-38 38-39 38-40

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 7-11 8-9 8-14 9-10 11-12 12-13 13-14
13-15 14-17 15-16 16-17

exact/norm bonds :

1-2 1-6 2-3 2-35 3-4 4-5 5-6 5-7 6-10 7-8 7-11 8-9 8-14 9-10 11-12 12-13
13-14 13-15 14-17 15-16 16-17 35-36 36-41

exact bonds :

1-31 3-30 4-29 5-28 6-32 8-33 10-27 11-26 13-23 14-34 15-18 16-24 17-25 18-19
18-20 20-21 21-22 36-37 37-38 38-39 38-40

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom
12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:CLASS 19:CLASS 20:CLASS
21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS
30:CLASS 31:CLASS 32:CLASS 33:CLASS 34:CLASS 35:CLASS 36:CLASS 37:CLASS 38:CLASS
39:CLASS 40:CLASS 41:CLASS

=>
Uploading 941a.str

L1 STRUCTURE UPLOADED

=>
Uploading 941a.str

L2 STRUCTURE UPLOADED

=> d 12
L2 HAS NO ANSWERS
L2 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s 12 full
REGISTRY INITIATED
Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

FULL SEARCH INITIATED 16:00:15 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 706 TO ITERATE

100.0% PROCESSED 706 ITERATIONS 67 ANSWERS
SEARCH TIME: 00.00.01

L3 67 SEA SSS FUL L2

L4 25 L3

=> s 14 and py<1997
17345937 PY<1997
L5 1 L4 AND PY<1997

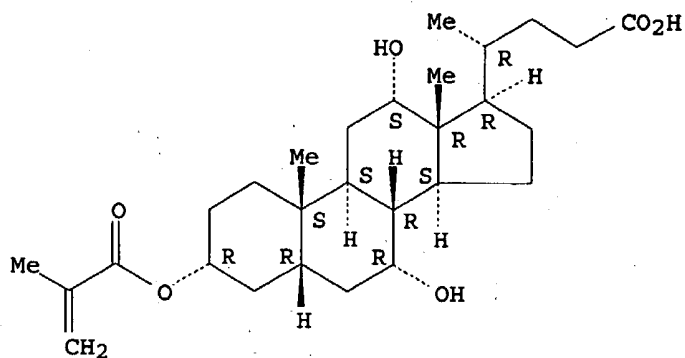
=> d ibib abs hitstr

L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1992:408520 CAPLUS
DOCUMENT NUMBER: 117:8520
TITLE: Radically polymerizable cholic acid derivatives in
 monolayers, micelles, and vesicles
AUTHOR(S): Ahlheim, Markus; Hallensleben, Manfred L.
CORPORATE SOURCE: Inst. Makromol. Chem., Univ. Hannover, Hannover,
 D-3000, Germany
SOURCE: Makromolekulare Chemie (1992), 193(3),
 779-97
 CODEN: MACEAK; ISSN: 0025-116X
DOCUMENT TYPE: Journal
LANGUAGE: German

AB The synthesis of radically polymerizable derivs. of cholic acid contg. a
 methacrylic group directly attached to C-3 or via a C11 cinnamic ester
 spacer is described. The monomers form monolayers, vesicles, and
 micelles. In vesicles and in micelles the monomers undergo neither
 photodimerization via the cinnamoyl group nor do they polymerize, but they
 photodimerize in an amorphous film and polymerize in isotropic soln.
IT 141788-86-5P 141879-00-7P

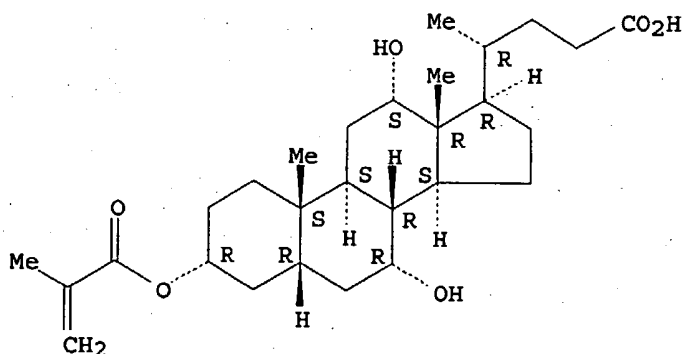
EL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. and characterization of)
 RN 141788-86-5 CAPLUS
 CN Cholan-24-oic acid, 7,12-dihydroxy-3-[(2-methyl-1-oxo-2-propenyl)oxy]-,
 (3.alpha.,5.beta.,7.alpha.,12.alpha.)-, homopolymer (9CI) (CA INDEX NAME)
 CM 1
 CRN 141788-85-4
 CMF C28 H44 O6

Absolute stereochemistry.



RN 141879-00-7 CAPLUS
 CN Cholan-24-oic acid, 7,12-dihydroxy-3-[(2-methyl-1-oxo-2-propenyl)oxy]-,
 monosodium salt, (3.alpha.,5.beta.,7.alpha.,12.alpha.)-, homopolymer (9CI)
 (CA INDEX NAME)
 CM 1
 CRN 141878-99-1
 CMF C28 H44 O6 . Na

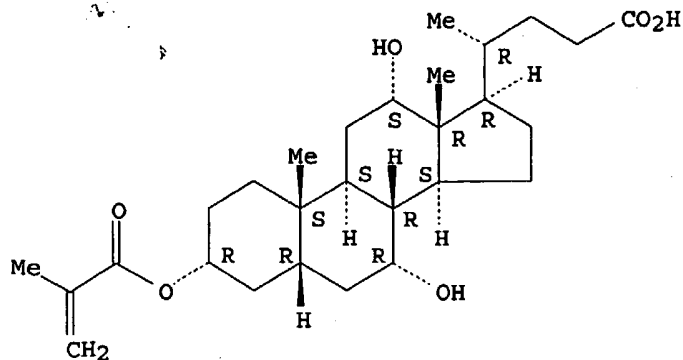
Absolute stereochemistry.



● Na

IT 141788-85-4P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (prepn. and polymn. of)
 RN 141788-85-4 CAPLUS
 CN Cholan-24-oic acid, 7,12-dihydroxy-3-[(2-methyl-1-oxo-2-propenyl)oxy]-,
 (3.alpha.,5.beta.,7.alpha.,12.alpha.)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



=> s l4 and py<1998

18119502 PY<1998

L6

2 L4 AND PY<1998

=> d 1-2 ibib abs hitstr

L6 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1997:707390 CAPLUS

DOCUMENT NUMBER: 127:331426

TITLE: Hydrophobic effect on 1,3-dipolar cycloaddition reactions

AUTHOR(S): Pandey, Pramod S.; Pandey, Inder K.

CORPORATE SOURCE: Department of Chemistry, Indian Institute of Technology, New Delhi, 110 016, India

SOURCE: Tetrahedron Letters (1997), 38(41), 7237-7240

CODEN: TELEAY; ISSN: 0040-4039

PUBLISHER: Elsevier

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 127:331426

AB The rate and selectivity of 1,3-dipolar cycloaddn. reactions of C,N-diphenylnitrone are influenced by the hydrophobic effect.

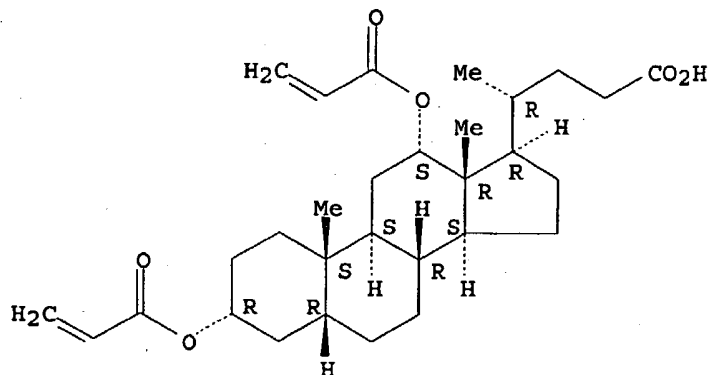
IT 198008-04-7

RL: RCT (Reactant); RACT (Reactant or reagent)
(hydrophobic effect on 1,3-dipolar cycloaddn. reactions of nitrone)

RN 198008-04-7 CAPLUS

CN Cholan-24-oic acid, 3,12-bis[(1-oxo-2-propenyl)oxy]-, sodium salt, (3.alpha.,5.beta.,12.alpha.)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● Na

REFERENCE COUNT: 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1992:408520 CAPLUS

DOCUMENT NUMBER: 117:8520

TITLE: Radically polymerizable cholic acid derivatives in monolayers, micelles, and vesicles

AUTHOR(S): Ahlheim, Markus; Hallensleben, Manfred L.

CORPORATE SOURCE: Inst. Makromol. Chem., Univ. Hannover, Hannover, D-3000, Germany

SOURCE: Makromolekulare Chemie (1992), 193(3), 779-97

CODEN: MACEAK; ISSN: 0025-116X

DOCUMENT TYPE: Journal

LANGUAGE: German

AB The synthesis of radically polymerizable derivs. of cholic acid contg. a methacrylic group directly attached to C-3 or via a C11 cinnamic ester spacer is described. The monomers form monolayers, vesicles, and micelles. In vesicles and in micelles the monomers undergo neither photodimerization via the cinnamoyl group nor do they polymerize, but they photodimerize in an amorphous film and polymerize in isotropic soln.

IT 141788-86-5P 141879-00-7P

RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. and characterization of)

RN 141788-86-5 CAPLUS

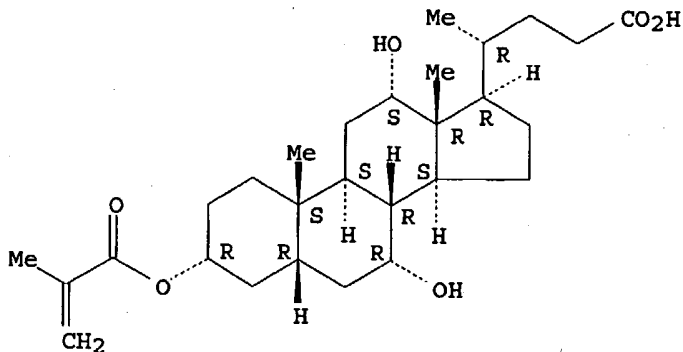
CN Cholan-24-oic acid, 7,12-dihydroxy-3-[(2-methyl-1-oxo-2-propenyl)oxy]-, (3.alpha.,5.beta.,7.alpha.,12.alpha.)-, homopolymer (9CI) (CA INDEX NAME)

CM 1

CRN 141788-85-4

CMF C28 H44 O6

Absolute stereochemistry.



RN 141879-00-7 CAPLUS

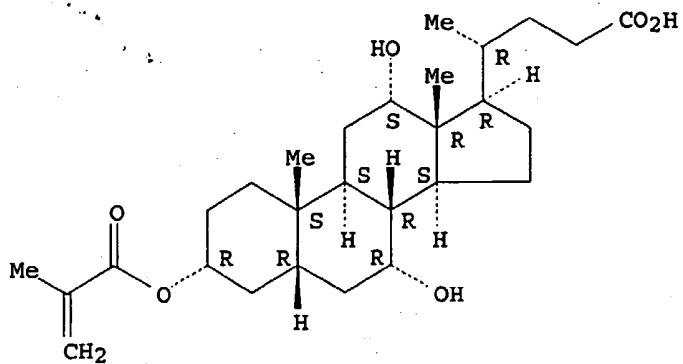
CN Cholan-24-oic acid, 7,12-dihydroxy-3-[(2-methyl-1-oxo-2-propenyl)oxy]-, monosodium salt, (3.alpha.,5.beta.,7.alpha.,12.alpha.)-, homopolymer (9CI) (CA INDEX NAME)

CM 1

CRN 141878-99-1

CMF C28 H44 O6 . Na

Absolute stereochemistry.



● Na

IT 141788-85-4P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (prepn. and polymn. of)

RN 141788-85-4 CAPLUS

CN Cholan-24-oic acid, 7,12-dihydroxy-3-[(2-methyl-1-oxo-2-propenyl)oxy]-, (3.alpha.,5.beta.,7.alpha.,12.alpha.)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

